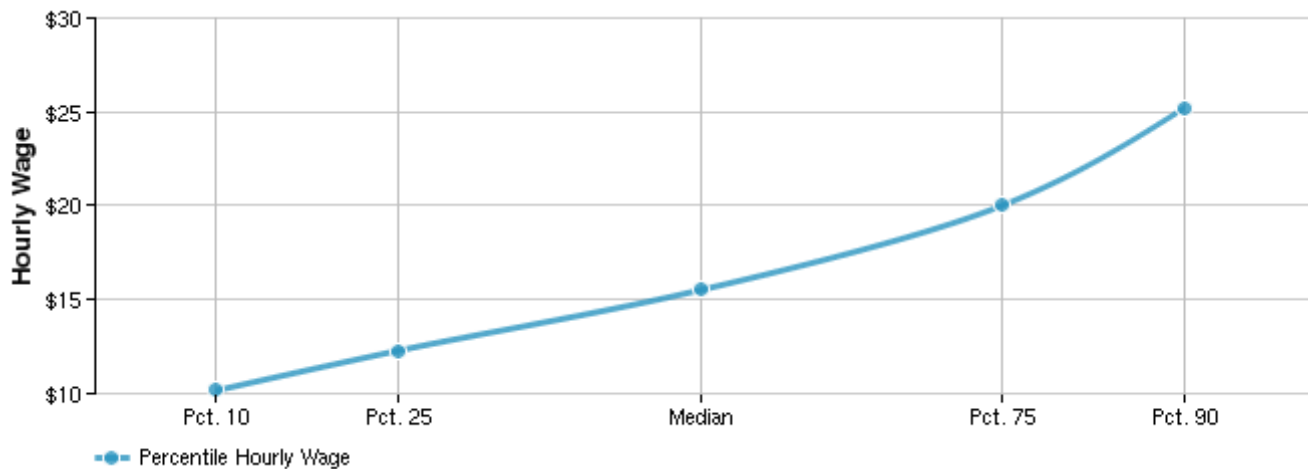


Occupation Facts

341,714 Jobs (2011) Location Quotient: 1.76	4.4% Growth (2009-2011) National: 0.6%	\$15.51/hr Median Wage (2011) National: \$14.99/hr
---	--	--

Indiana | Percentile Wages

\$10.16/hr 10th Percentile Wage (2011)	\$15.51/hr Median Wage (2011)	\$25.19/hr 90th Percentile Wage (2011)
---	--	---



Occupation	10th Percentile Wage (2011)	Median Wage (2011)	90th Percentile Wage (2011)
First-line supervisors/managers of production and operating workers (51-1011)	\$15.30	\$24.42	\$39.50
Aircraft structure, surfaces, rigging, and systems assemblers (51-2011)	\$12.48	\$20.18	\$36.22
Coil winders, tapers, and finishers	\$8.57	\$14.53	\$20.05

Occupation	10th Percentile Wage (2011)	Median Wage (2011)	90th Percentile Wage (2011)
(51-2021)			
Electrical and electronic equipment assemblers (51-2022)	\$8.17	\$11.19	\$18.63
Electromechanical equipment assemblers (51-2023)	\$10.32	\$14.43	\$27.11
Engine and other machine assemblers (51-2031)	\$10.60	\$15.54	\$28.20
Structural metal fabricators and fitters (51-2041)	\$10.91	\$16.99	\$26.13
Fiberglass laminators and fabricators (51-2091)	\$10.06	\$15.11	\$23.73
Team assemblers (51-2092)	\$9.35	\$14.40	\$25.97
Timing device assemblers, adjusters, and calibrators (51-2093)	\$9.44	\$13.74	\$20.96
Assemblers and fabricators, all other (51-2099)	\$8.37	\$14.94	\$30.67
Bakers (51-3011)	\$7.55	\$10.73	\$17.89
Butchers and meat cutters (51-3021)	\$8.34	\$13.97	\$19.68
Meat, poultry, and fish cutters and trimmers (51-3022)	\$9.59	\$11.72	\$14.31
Slaughterers and meat packers (51-3023)	\$9.12	\$11.44	\$13.79
Food and tobacco roasting, baking, and drying machine operators and tenders (51-3091)	\$7.89	\$11.96	\$18.38
Food batchmakers (51-3092)	\$7.96	\$13.92	\$22.95
Food cooking machine operators and tenders (51-3093)	\$7.51	\$10.93	\$22.13
Computer-controlled machine tool operators, metal and plastic (51-4011)	\$10.73	\$15.32	\$21.90
Numerical tool and process control programmers (51-4012)	\$10.90	\$17.76	\$27.80
Extruding and drawing machine setters, operators, and tenders, metal and plastic (51-4021)	\$11.29	\$17.67	\$29.46
Forging machine setters, operators, and tenders, metal and	\$8.00	\$13.78	\$33.26

Occupation	10th Percentile Wage (2011)	Median Wage (2011)	90th Percentile Wage (2011)
plastic (51-4022)			
Rolling machine setters, operators, and tenders, metal and plastic (51-4023)	\$11.53	\$21.84	\$30.86
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic (51-4031)	\$9.63	\$14.00	\$22.94
Drilling and boring machine tool setters, operators, and tenders, metal and plastic (51-4032)	\$10.71	\$14.71	\$25.32
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic (51-4033)	\$10.41	\$15.17	\$24.43
Lathe and turning machine tool setters, operators, and tenders, metal and plastic (51-4034)	\$11.48	\$16.06	\$26.27
Milling and planing machine setters, operators, and tenders, metal and plastic (51-4035)	\$12.12	\$17.80	\$28.03
Machinists (51-4041)	\$11.68	\$17.99	\$27.94
Metal-refining furnace operators and tenders (51-4051)	\$14.25	\$21.42	\$27.32
Pourers and casters, metal (51-4052)	\$12.15	\$18.27	\$32.44
Model makers, metal and plastic (51-4061)	\$12.47	\$17.62	\$31.36
Patternmakers, metal and plastic (51-4062)	\$13.20	\$21.82	\$32.21
Foundry mold and coremakers (51-4071)	\$11.73	\$15.16	\$23.02
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic (51-4072)	\$9.37	\$13.83	\$19.42
Multiple machine tool setters, operators, and tenders, metal and plastic (51-4081)	\$10.84	\$15.07	\$22.81
Tool and die makers (51-4111)	\$15.30	\$22.26	\$36.06
Welders, cutters, solderers, and brazers (51-4121)	\$10.95	\$16.27	\$25.66

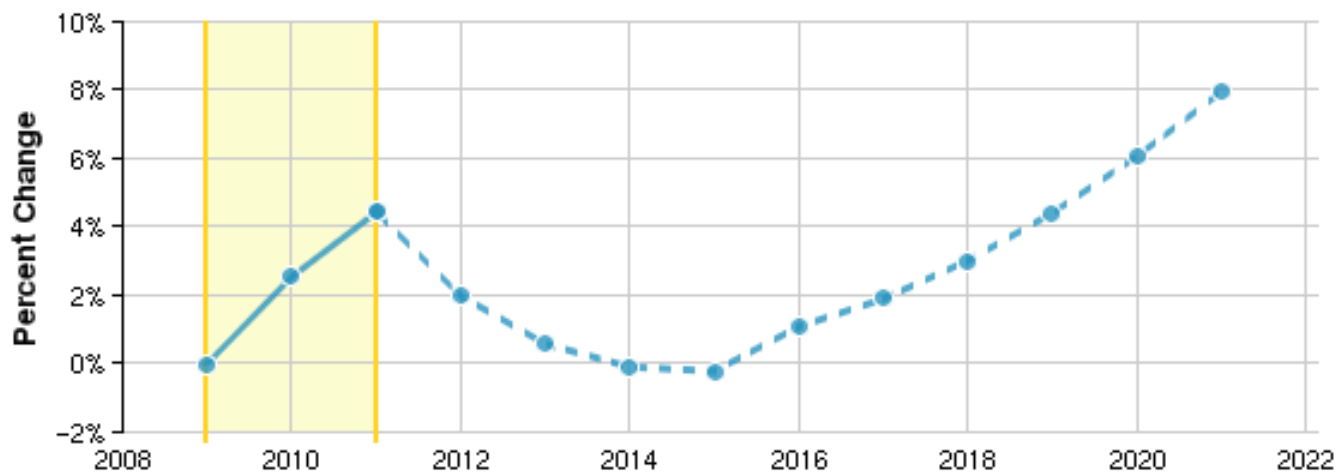
Occupation	10th Percentile Wage (2011)	Median Wage (2011)	90th Percentile Wage (2011)
Welding, soldering, and brazing machine setters, operators, and tenders (51-4122)	\$11.62	\$15.11	\$20.80
Heat treating equipment setters, operators, and tenders, metal and plastic (51-4191)	\$11.06	\$17.18	\$27.96
Lay-out workers, metal and plastic (51-4192)	\$10.66	\$15.94	\$23.26
Plating and coating machine setters, operators, and tenders, metal and plastic (51-4193)	\$9.70	\$14.34	\$21.57
Tool grinders, filers, and sharpeners (51-4194)	\$10.60	\$15.18	\$25.00
Metal workers and plastic workers, all other (51-4199)	\$9.33	\$16.54	\$27.36
Bindery workers (51-5011)	\$8.52	\$13.48	\$22.13
Bookbinders (51-5012)	\$8.08	\$12.14	\$22.58
Job printers (51-5021)	\$9.56	\$13.47	\$20.30
Prepress technicians and workers (51-5022)	\$10.05	\$17.00	\$23.55
Printing machine operators (51-5023)	\$10.41	\$16.28	\$24.38
Laundry and dry-cleaning workers (51-6011)	\$7.25	\$8.68	\$12.02
Pressers, textile, garment, and related materials (51-6021)	\$7.25	\$9.24	\$12.59
Sewing machine operators (51-6031)	\$7.76	\$10.44	\$16.34
Shoe and leather workers and repairers (51-6041)	\$8.51	\$12.33	\$20.84
Shoe machine operators and tenders (51-6042)	\$7.32	\$11.79	\$24.93
Sewers, hand (51-6051)	\$7.54	\$9.21	\$18.92
Tailors, dressmakers, and custom sewers (51-6052)	\$7.40	\$10.20	\$22.69
Textile bleaching and dyeing machine operators and tenders (51-6061)	\$7.25	\$10.84	\$19.28
Textile cutting machine setters,	\$8.27	\$11.80	\$17.92

Occupation	10th Percentile Wage (2011)	Median Wage (2011)	90th Percentile Wage (2011)
operators, and tenders (51-6062)			
Textile knitting and weaving machine setters, operators, and tenders (51-6063)	\$7.25	\$11.59	\$20.73
Textile winding, twisting, and drawing out machine setters, operators, and tenders (51-6064)	\$9.44	\$10.71	\$13.11
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers (51-6091)	\$9.97	\$13.13	\$17.28
Fabric and apparel patternmakers (51-6092)	\$10.51	\$12.94	\$20.55
Upholsterers (51-6093)	\$8.20	\$12.21	\$22.18
Textile, apparel, and furnishings workers, all other (51-6099)	\$7.61	\$9.29	\$14.49
Cabinetmakers and bench carpenters (51-7011)	\$9.36	\$14.17	\$21.17
Furniture finishers (51-7021)	\$8.99	\$12.40	\$19.17
Model makers, wood (51-7031)	\$7.29	\$12.03	\$28.66
Patternmakers, wood (51-7032)	\$7.89	\$10.44	\$23.79
Sawing machine setters, operators, and tenders, wood (51-7041)	\$8.13	\$11.37	\$17.12
Woodworking machine setters, operators, and tenders, except sawing (51-7042)	\$8.60	\$12.00	\$17.74
Woodworkers, all other (51-7099)	\$7.25	\$10.64	\$24.55
Nuclear power reactor operators (51-8011)	\$20.17	\$32.74	\$58.66
Power distributors and dispatchers (51-8012)	\$19.69	\$24.82	\$39.37
Power plant operators (51-8013)	\$21.46	\$28.30	\$35.43
Stationary engineers and boiler operators (51-8021)	\$12.19	\$21.28	\$34.75
Water and liquid waste treatment plant and system operators (51-8031)	\$12.58	\$17.48	\$24.15
Chemical plant and system	\$15.94	\$24.03	\$33.15

Occupation	10th Percentile Wage (2011)	Median Wage (2011)	90th Percentile Wage (2011)
operators (51-8091)			
Gas plant operators (51-8092)	\$15.03	\$22.53	\$29.90
Petroleum pump system operators, refinery operators, and gaugers (51-8093)	\$14.88	\$24.01	\$42.93
Plant and system operators, all other (51-8099)	\$15.54	\$21.09	\$27.92
Chemical equipment operators and tenders (51-9011)	\$11.61	\$20.73	\$27.67
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders (51-9012)	\$8.63	\$18.76	\$26.56
Crushing, grinding, and polishing machine setters, operators, and tenders (51-9021)	\$9.73	\$16.16	\$24.11
Grinding and polishing workers, hand (51-9022)	\$8.25	\$13.44	\$18.53
Mixing and blending machine setters, operators, and tenders (51-9023)	\$10.63	\$16.81	\$24.65
Cutters and trimmers, hand (51-9031)	\$8.87	\$11.94	\$20.35
Cutting and slicing machine setters, operators, and tenders (51-9032)	\$9.06	\$14.00	\$20.13
Extruding, forming, pressing, and compacting machine setters, operators, and tenders (51-9041)	\$9.86	\$14.88	\$22.17
Furnace, kiln, oven, drier, and kettle operators and tenders (51-9051)	\$10.30	\$14.31	\$22.55
Inspectors, testers, sorters, samplers, and weighers (51-9061)	\$9.93	\$15.19	\$24.56
Jewelers and precious stone and metal workers (51-9071)	\$7.60	\$13.89	\$28.32
Dental laboratory technicians (51-9081)	\$9.16	\$16.67	\$25.99
Medical appliance technicians (51-9082)	\$9.25	\$13.79	\$22.33
Ophthalmic laboratory technicians	\$9.28	\$13.70	\$18.35

Occupation	10th Percentile Wage (2011)	Median Wage (2011)	90th Percentile Wage (2011)
(51-9083)			
Packaging and filling machine operators and tenders (51-9111)	\$8.84	\$13.63	\$20.39
Coating, painting, and spraying machine setters, operators, and tenders (51-9121)	\$9.12	\$13.41	\$20.63
Painters, transportation equipment (51-9122)	\$12.26	\$18.98	\$30.93
Painting, coating, and decorating workers (51-9123)	\$8.06	\$11.33	\$16.89
Photographic process workers (51-9131)	\$7.49	\$10.87	\$20.92
Photographic processing machine operators (51-9132)	\$7.65	\$10.34	\$18.01
Semiconductor processors (51-9141)	\$8.85	\$13.40	\$25.06
Cementing and gluing machine operators and tenders (51-9191)	\$8.91	\$12.77	\$19.72
Cleaning, washing, and metal pickling equipment operators and tenders (51-9192)	\$8.41	\$13.51	\$19.23
Cooling and freezing equipment operators and tenders (51-9193)	\$8.06	\$11.38	\$18.99
Etchers and engravers (51-9194)	\$7.34	\$12.27	\$23.54
Molders, shapers, and casters, except metal and plastic (51-9195)	\$8.43	\$12.85	\$20.15
Paper goods machine setters, operators, and tenders (51-9196)	\$11.10	\$15.41	\$19.50
Tire builders (51-9197)	\$10.55	\$17.05	\$30.65
Helpers--Production workers (51-9198)	\$8.04	\$10.86	\$17.16
Production workers, all other (51-9199)	\$8.30	\$17.29	\$32.81

Regional Trends



Region	2009 Jobs	2011 Jobs	% Growth
 Indiana	327,230	341,714	4.4%

Educational Programs

31 Programs (2010)	2,758 Completions (2010)
------------------------------	------------------------------------

Program	2006	2007	2008	2009	2010
Operations Management and Supervision (52.0205)	698	751	786	823	853
Mechanical Engineering (14.1901)	710	730	740	681	791
Apparel and Textiles, General (19.0901)	316	343	323	339	360
Autobody/Collision and Repair Technology/Technician (47.0603)	63	188	262	247	263
Ironworking/Ironworker (48.0509)	29	39	19	30	101

Data Sources and Calculations

Annual Openings Data

Annual openings refers to the sum of new and replacement jobs in the occupation over the given timeframe, divided by the number of years in the timeframe.

Completers Data

The completers data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Location Quotient

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.

Staffing Patterns Data

The staffing patterns data in this report is compiled from several sources using a specialized process. Sources include Occupational Employment Statistics, and the National Occupation Matrix. EMSI uses ratios from the national matrix and inputs regional jobs by industry, converting these to jobs by occupation. The ratios derived from this are adjusted to equal actual regional data, resulting in a unique regional staffing pattern.